

LED-based white-light emitting lighting unit

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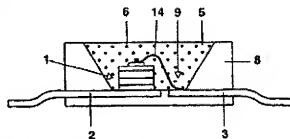
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A white-emitting luminescence conversion LED uses a chlorosilicate phosphor which, in addition to Ca and Mg, contains a europium doping, and also a garnet phosphor of the rare earths, in particular Y and/or Tb. In this way, it is possible to achieve a high color rendering and a high constancy of the lighting properties under differing temperature conditions.



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